IN THE CLAIMS

1. (currently amended) An emulation apparatus ~~incorporated~~ operable within an information processing apparatus ~~without processing capability adjusting means~~, said emulation apparatus comprising:

determining ~~judging~~ means for determining ~~judging~~ whether a software program being executed by ~~said~~ the information processing apparatus has requested~~s~~ a change of a processing capability of ~~said~~ the information processing apparatus ~~or not~~; and

adjusting means for changing ~~the~~ a value of a processing parameter ~~capability~~ of ~~said~~ the information processing apparatus ~~within a range identified by~~ based on a ~~predetermined~~ stored change parameter ~~for said~~ associated with the software program ~~supplied in advance or afterward,~~ when said determining means determines that the software program has requested~~s~~ the change of ~~said~~ the processing capability.

2. (currently amended) The emulation apparatus according to claim 1, wherein said ~~information processing~~ emulation apparatus is operable within an entertainment apparatus ~~provided with~~ that includes a ~~plurality~~ pair of processors ~~having~~ operating in a master-slave relationship ~~and said master-slave relationship of the processors in said entertainment apparatus is configured so as to change according to a type of said~~ determined by the software program.

3. (currently amended) The emulation apparatus according to claim 1, wherein said ~~judging~~ determining means ~~is configured so as to perform said judgment~~ determines whether the processing capability of the information processing apparatus is to be changed by identifying whether a medium that ~~records said~~ stores the software program is intended for a host machine or for a subordinate machine.

4. (currently amended) The emulation apparatus according to claim 1, wherein the software program includes first binary information, and when said ~~judging~~ determining means ~~judges~~ determines that ~~said~~ the software program has requested~~s~~ the change of ~~said~~ the processing capability, said adjusting means ~~is configured so as to~~ changes the value of the processing parameter ~~capability of said information processing apparatus~~ by ~~automatically~~ converting the first binary information ~~included in said software to~~ into further binary information that is executable by ~~said~~ the information processing apparatus.

5. (currently amended) The emulation apparatus according to claim 1, wherein said adjusting means ~~is configured so as to~~ reads ~~selectively one of a first~~ the change parameter recorded in a device selected from the group consisting of: an internal recording medium ~~installed in advance~~, ~~a second change parameter recorded in~~ a non-rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and ~~a third change parameter recorded in~~ a rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and said adjusting means changes ~~said~~ the processing capability ~~within a range identified by~~ based on the read change parameter.

6. (currently amended) The emulation apparatus according to claim 2, wherein said adjusting means ~~is configured so as to~~ reads ~~selectively one of a first~~ the change parameter recorded in a device selected from the group consisting of: an internal recording medium ~~installed in advance~~, ~~a second change parameter recorded in~~ a non-rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and ~~a third change parameter recorded in~~ a rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and said adjusting means changes ~~said~~ the processing capability ~~within a range identified by~~ based on the read change parameter.

7. (currently amended) The emulation apparatus according to claim 3, wherein said adjusting means ~~is configured so as to~~ reads ~~selectively one of a first~~ the change parameter recorded in a device selected from the group consisting of: an internal recording medium ~~installed in advance~~, ~~a second change parameter recorded in~~ a non-rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and ~~a third change parameter recorded in~~ a rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and said adjusting means changes ~~said~~ the processing capability ~~within a range identified by~~ based on the read change parameter.

8. (currently amended) The emulation apparatus according to claim 4, wherein said adjusting means ~~is configured so as to~~ reads ~~selectively one of a first~~ the change parameter recorded in a device selected from the group consisting of: an internal recording medium ~~installed in advance~~, ~~a second change parameter recorded in~~ a non-rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and ~~a third change parameter recorded in~~ a rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and said adjusting means changes ~~said~~ the processing capability ~~within a range identified by~~ based on the read change parameter.

9. (currently amended) The emulation apparatus according to claim 5, wherein said adjusting means ~~is configured so as to read~~ selects the device from which the ~~third~~ change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium~~, the second change parameter and the first change parameter, in the order named~~.

10. (currently amended) The emulation apparatus according to claim 6, wherein said adjusting means ~~is configured so as to read~~ selects the device from which the ~~third~~ change

parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium~~, the second change parameter and the first change parameter, in the order named~~.

11. (currently amended) The emulation apparatus according to claim 7, wherein said adjusting means ~~is configured so as to read~~ selects the device from which the ~~third~~ change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium~~, the second change parameter and the first change parameter, in the order named~~.

12. (currently amended) The emulation apparatus according to claim 8, wherein said adjusting means ~~is configured so as to read~~ selects the device from which the ~~third~~ change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium~~, the second change parameter and the first change parameter, in the order named~~.

13. (currently amended) The emulation apparatus according to claim 5, wherein the ~~change~~ processing parameter is ~~determined for each of processing items~~ a speed for processing an operation implemented by the software program, ~~said processing items depending on functions of the information processing apparatus, said judging means is configured so as to judge whether a processing item for which a change parameter is determined exists in any one of said internal recording medium, said non-rewritable recording medium and said rewritable recording medium and further judge that the software requests the change of said processing capability when said processing item exists,~~ and said adjusting means ~~is configured so as to~~

adjusts ~~a speed per unit time of~~ the processing speed ~~identified by said processing item~~ to a ~~speed~~ value determined by ~~said~~ the change parameter.

14. (currently amended) The emulation apparatus according to claim 6, wherein the ~~change~~ processing parameter is ~~determined for each of processing items~~ a speed for processing an operation implemented by the software program, ~~said processing items depending on functions of the information processing apparatus, said judging means is configured so as to judge whether a processing item for which a change parameter is determined exists in any one of said internal recording medium, said non-rewritable recording medium and said rewritable recording medium and further judge that the software requests the change of said processing capability when said processing item exists,~~ and said adjusting means ~~is configured so as to~~ adjusts ~~a speed per unit time of~~ the processing speed ~~identified by said processing item~~ to a ~~speed~~ value determined by ~~said~~ the change parameter.

15. (currently amended) The emulation apparatus according to claim 7, wherein the ~~change~~ processing parameter is ~~determined for each of processing items~~ a speed for processing an operation implemented by the software program, ~~said processing items depending on functions of the information processing apparatus, said judging means is configured so as to judge whether a processing item for which a change parameter is determined exists in any one of said internal recording medium, said non-rewritable recording medium and said rewritable recording medium and further judge that the software requests the change of said processing capability when said processing item exists,~~ and said adjusting means ~~is configured so as to~~ adjusts ~~a speed per unit time of~~ the processing speed ~~identified by said processing item~~ to a ~~speed~~ value determined by ~~said~~ the change parameter.

16. (currently amended) The emulation apparatus according to claim 8, wherein the ~~change~~ processing parameter is ~~determined for each of processing items~~ a speed for processing an operation implemented by the software program, ~~said processing items depending on functions of the information processing apparatus, said judging means is configured so as to judge whether a processing item for which a change parameter is determined exists in any one of said internal recording medium, said non-rewritable recording medium and said rewritable recording medium and further judge that the software requests the change of said processing capability when said processing item exists,~~ and said adjusting means ~~is configured so as to~~ adjusts ~~a speed per unit time of~~ the processing speed ~~identified by said processing item~~ to a ~~speed~~ value determined by ~~said~~ the change parameter.

17. (currently amended) An emulation apparatus ~~incorporated~~ operable within an information processing apparatus ~~without processing capability adjusting means~~, said emulation apparatus comprising:

determining ~~judging~~ means for determining ~~judging~~ whether a software program being executed by ~~said~~ the information processing apparatus has requested~~s~~ a change of a processing capability of ~~said~~ the information processing apparatus ~~or not~~; and

adjusting means for changing a functional configuration of at least part of ~~said~~ the information processing apparatus to a predetermined functional configuration ~~when said software requests a change of a functional capability of said information processing apparatus,~~ and for changing a ~~capability~~ value of a processing parameter of the ~~whole or~~ at least part of ~~specific processing executed by said~~ the information processing apparatus ~~within a range identified by~~ based on a ~~predetermined~~ stored change parameter ~~for said~~

associated with the software program ~~supplied in advance or afterward~~ when said determining means determines that the software program has requested~~s~~ a change of the processing capability ~~of the whole or part of said specific processing~~.

18. (currently amended) The emulation apparatus according to claim 17, wherein said ~~information processing~~ emulation apparatus is operable within an entertainment apparatus ~~provided with~~ that includes a ~~plurality~~ pair of processors ~~having~~ operating in a master-slave relationship ~~and said master-slave relationship of the processors in said entertainment apparatus is configured so as to change according to a type of said~~ determined by the software program.

19. (currently amended) The emulation apparatus according to claim 17, wherein said ~~judging~~ determining means ~~is configured so as to perform said judgment~~ determines whether the processing capability of the information processing apparatus is to be changed by identifying whether a medium that ~~records said~~ stores the software program is intended for a host machine or for a subordinate machine.

20. (currently amended) The emulation apparatus according to claim 17, wherein the software program includes first binary information, and when said ~~judging~~ determining means ~~judges~~ determines that ~~said~~ the software program has requested~~s~~ the change of ~~said~~ the processing capability, said adjusting means ~~is configured so as to~~ changes the value of the processing parameter ~~capability of said information processing apparatus~~ by ~~automatically~~ converting the first binary information ~~included in said software to~~ into further binary information that is executable by ~~said~~ the information processing apparatus.

21. (currently amended) The emulation apparatus according to claim 17, wherein said adjusting means ~~is configured so as to~~ reads ~~selectively one of a first~~ the change

parameter recorded in a device selected from the group consisting of: an internal recording medium ~~installed in advance~~, ~~a second change parameter recorded in~~ a non-rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and ~~a third change parameter recorded in~~ a rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and said adjusting means changes ~~said~~ the processing capability ~~within a range identified by~~ based on the read change parameter.

22. (currently amended) The emulation apparatus according to claim 18, wherein said adjusting means ~~is configured so as to~~ reads ~~selectively one of a first~~ the change parameter recorded in a device selected from the group consisting of: an internal recording medium ~~installed in advance~~, ~~a second change parameter recorded in~~ a non-rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and ~~a third change parameter recorded in~~ a rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and said adjusting means changes ~~said~~ the processing capability ~~within a range identified by~~ based on the read change parameter.

23. (currently amended) The emulation apparatus according to claim 19, wherein said adjusting means ~~is configured so as to~~ reads ~~selectively one of a first~~ the change parameter recorded in a device selected from the group consisting of: an internal recording medium ~~installed in advance~~, ~~a second change parameter recorded in~~ a non-rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and ~~a third change parameter recorded in~~ a rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and said adjusting means changes ~~said~~ the processing capability ~~within a range identified by~~ based on the read change parameter.

24. (currently amended) The emulation apparatus according to claim 20, wherein said adjusting means ~~is configured so as to~~ reads ~~selectively one of a first~~ the change parameter recorded in a device selected from the group consisting of: an internal recording medium ~~installed in advance~~, ~~a second change parameter recorded in~~ a non-rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and ~~a third change parameter recorded in~~ a rewritable recording medium loaded into ~~said~~ the information processing apparatus, ~~afterward~~ and said adjusting means changes ~~said~~ the processing capability ~~within a range identified by~~ based on the read change parameter.

25. (currently amended) The emulation apparatus according to claim 21, wherein said adjusting means ~~is configured so as to read~~ selects the device from which the ~~third~~ change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium~~, the second change parameter and the first change parameter, in the order named~~.

26. (currently amended) The emulation apparatus according to claim 22, wherein said adjusting means ~~is configured so as to read~~ selects the device from which the ~~third~~ change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium~~, the second change parameter and the first change parameter, in the order named~~.

27. (currently amended) The emulation apparatus according to claim 23, wherein said adjusting means ~~is configured so as to read~~ selects the device from which the ~~third~~ change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-

rewritable recording medium, and (iii) the internal recording medium~~, the second change parameter and the first change parameter, in the order named~~.

28. (currently amended) The emulation apparatus according to claim 24, wherein said adjusting means ~~is configured so as to read~~ selects the device from which the ~~third~~ change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium~~, the second change parameter and the first change parameter, in the order named~~.

29. (currently amended) The emulation apparatus according to claim 21, wherein ~~the change parameter is determined for each of processing items implemented by the software, said processing items depending on functions of the information processing apparatus, said judging means is configured so as to judge whether a processing item for which a change parameter is determined exists in any one of said internal recording medium, said non-rewritable recording medium and said rewritable recording medium and further judge that the software requests the change of said processing capability when said processing item exists, and~~said adjusting means ~~is configured so as to~~ adjusts the functional configuration of the information processing apparatus to a normal mode or to an emulation mode~~a speed per unit time of processing identified by said processing item to a speed determined by said change parameter~~.

30. (currently amended) The emulation apparatus according to claim 22, wherein ~~the change parameter is determined for each of processing items implemented by the software, said processing items depending on functions of the information processing apparatus, said judging means is configured so as to judge whether a processing item for which a~~

~~change parameter is determined exists in any one of said internal recording medium, said non-rewritable recording medium and said rewritable recording medium and further judge that the software requests the change of said processing capability when said processing item exists, and~~said adjusting means ~~is configured so as to~~ adjusts the functional configuration of the information processing apparatus to a normal mode or to an emulation mode~~a speed per unit time of processing identified by said processing item to a speed determined by said change parameter~~.

31. (currently amended) The emulation apparatus according to claim 23, wherein ~~the change parameter is determined for each of processing items implemented by the software, said processing items depending on functions of the information processing apparatus,said judging means is configured so as to judge whether a processing item for which a change parameter is determined exists in any one of said internal recording medium, said non-rewritable recording medium and said rewritable recording medium and further judge that the software requests the change of said processing capability when said processing item exists, and~~said adjusting means ~~is configured so as to~~ adjusts the functional configuration of the information processing apparatus to a normal mode or to an emulation mode~~a speed per unit time of processing identified by said processing item to a speed determined by said change parameter~~.

32. (currently amended) The emulation apparatus according to claim 24, wherein ~~the change parameter is determined for each of processing items implemented by the software, said processing items depending on functions of the information processing apparatus,said judging means is configured so as to judge whether a processing item for which a change parameter is determined exists in any one of said~~

~~internal recording medium, said non-rewritable recording medium and said rewritable recording medium and further judge that the software requests the change of said processing capability when said processing item exists, and~~said adjusting means ~~is configured so as to~~ adjusts the functional configuration of the information processing apparatus to a normal mode or to an emulation mode~~a speed per unit time of processing identified by said processing item to a speed determined by said change parameter~~.

33. (currently amended) An emulation part~~,~~ ~~when incorporated~~ operable within an information processing apparatus, said emulation part comprising:

means for reading, when a software ~~to be~~ program being executed by the information processing apparatus has requested~~s~~ a change of a processing capability of ~~said~~ the information processing apparatus, ~~judging~~ contents of ~~said~~ the request~~;~~ ~~and changing said processing capability, said emulation part forming in said information processing apparatus:~~

means for reading ~~selectively one of~~ a ~~first~~ change parameter recorded in a ~~predetermined~~ device selected from the group consisting of: an internal recording medium ~~in advance~~, ~~a second change parameter recorded in~~ a non-rewritable recording medium, ~~installed afterward~~ and ~~a third change parameter recorded in~~ a rewritable recording medium; ~~installed afterward,~~ and

means for changing ~~said~~ a value of a processing ~~capability within a range identified by~~ parameter of the information processing apparatus based on the read change parameter.

34. (currently amended) An emulation method executed ~~in~~ by an information processing apparatus ~~without processing capability adjusting means~~, said emulation method comprising:

determining ~~judging~~ whether a software ~~read~~ program being executed by ~~said~~ the information processing apparatus has requested~~s~~ a change of a processing capability of ~~said~~ the information processing apparatus ~~or not~~; and

changing ~~the~~ a value of a processing parameter ~~capability within a range identified by~~ of the information processing apparatus based on a ~~predetermined~~ stored change parameter ~~for said~~ associated with the software program ~~supplied in advance or afterward,~~ when it is ~~judged~~ determined that ~~said~~ the software program has requested~~s~~ the change of ~~said~~ the processing capability.

35. (currently amended) A recording medium readable by an information processing apparatus ~~without processing capability adjusting means, said recording medium recording~~ and having recorded thereon a program for ~~which causes said information processing apparatus to~~ executinge an emulation method, said emulation method comprising:

determining ~~judging~~ whether a software ~~read~~ program being executed by ~~said~~ the information processing apparatus has requested~~s~~ a change of a processing capability of ~~said~~ the information processing apparatus ~~or not~~; and

changing ~~the~~ a value of a processing parameter ~~capability within a range identified by~~ of the information processing apparatus based on a ~~predetermined~~ stored change parameter ~~for said~~ associated with the software program ~~supplied in advance or afterward,~~ when it is ~~judged~~ determined that ~~said~~ the software program has requested~~s~~ the change of ~~said~~ the processing capability.

36. (currently amended) A recording medium readable by an information processing apparatus, ~~and detachably installed in said~~ the information processing apparatus ~~which includes means for enabling a~~ being capable of changing its processing capability ~~of said information processing apparatus to be~~

~~changed according to~~ in accordance with a software program being executed, the software program being recorded on and read from the recording medium, said recording medium comprising:

a first area which is read by the information processing apparatus before execution of ~~said~~ the software program ~~after starting of said information processing apparatus~~ and in which is recorded~~s~~ a type code ~~for allowing said~~ indicating whether the software program is intended to be run on a host machine or on a subordinate machine and being used by the information processing apparatus to change its processing capability accordingly~~recognize a type of said software~~; and

a second area which is read ~~subsequently to said first area~~ by the information processing apparatus during execution of the software program and in which is recorded~~s~~ a ~~predetermined~~ change parameter ~~for~~ which identifies~~ying~~ a processing parameter of the information processing apparatus ~~changing part~~ and which defines a change~~ing~~ ~~amount of said~~ in the value of the processing parameter~~capability~~, ~~said~~ the change parameter ~~provided in~~ being read from said second area when ~~said~~ the software program requests a change of ~~said~~ the processing capability of the information processing apparatus.

37. (currently amended) In an information processing apparatus, a processor that executes a software ~~A~~ program for ~~causing an information processing apparatus without processing capability adjusting means to execute~~carrying out an emulation method, said emulation method comprising:

determining ~~judging~~ whether a further software ~~read~~ program being executed by ~~said~~ the information processing apparatus has requested~~s~~ a change of a processing capability of ~~said~~ the information processing apparatus ~~or not~~; and

changing ~~the~~ a value of a processing parameter ~~capability within a range identified by~~ of the information processing apparatus based on a ~~predetermined~~ stored change

parameter ~~for said~~ associated with the further software program ~~supplied in advance or afterward,~~ when it is ~~judged~~ determined that ~~said~~ the further software program has requested~~s~~ the change of ~~said~~ the processing capability.